

PERFORMANCE SPECIFICATION SHEET

BATTERY, NON-RECHARGEABLE, HIGH PERFORMANCE, BA-5374/U

This specification is approved for use within the Communications Electronics Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product herein shall consist of this specification sheet and MIL-PRF-49471.

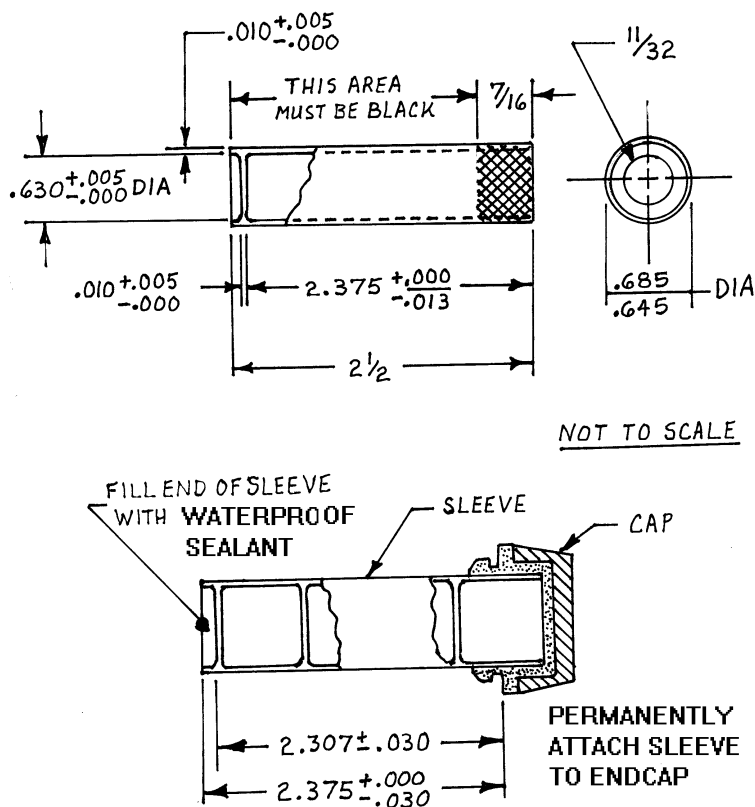


Figure 1. Battery dimensions.

AMSC N/A

FSC 6135

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

NOTES:

All dimensions are in inches. Fractional tolerances are $\pm 1/32''$

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Nominal voltage: 6 volts.; End Voltage 4 volts

Usual cell connection: Series.

Terminals: Flat surface.

Weight (Maximum): 2.5 ounces.

Charge Protection: Not Applicable.

Safety features: Not Applicable.

High temperature device: Not Applicable.

Complete discharge device: Not Applicable.

First Article Capacity: (FAD=22hrs or better).

Discharge: The battery shall be discharged through 140 ohms continuously to a test end voltage of 4.0 volts.

Capacity tests: When the battery is tested in accordance with the methods of examination and tests of this specification, the minimum capacity test requirements shall be as specified below.

<u>Capacity test</u>	<u>Minimum Capacity in Hours to 4.0 volts</u>
I	22
L	10
H	18
HT	21
LT	09
IT	21

Labeling and marking. All labeling and marking shall be clear and legible throughout all the tests specified herein. Labeling and marking shall be in black. Jackets may have the labeling and marking embossed or die-depressed, in which case it may be the same color as the background.

Labels. Each battery shall have a label positioned as specified in figure 1. If there is insufficient space to show all required information on one face of the battery, it shall be continued on another face. There shall be no information on the label other than the following.

BATTERY, NON-RECHARGEABLE, Chemistry

Type designation

National Stock Number

(Contract Number)

(Cage Code)

Manufacturer's Name

(Trade name may also be used)

Manufacturer's plant

Manufacturer's Date Code

DO NOT CHARGE, SHORT CIRCUIT, INCINERATE, OR MUTILATE THIS BATTERY
OTHERWISE BATTERY MAY VENT OR RUPTURE RELEASING TOXIC MATERIALS

EXAMPLE:

BATTERY, NON-RECHARGEABLE, LiMnO₂

BA-5374

6135-00-000-0000

DAAB07-98-C-0123

80063

JANE DOE COMPANY

JADOCO

BATTERYVILLE, N.J., U.S.A.

0296

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The following shall be applied to all packaging.

Capacity after storage at various temperatures

68⁰F (20⁰C) 5 years greater than 85% capacity
113⁰F (45⁰C) 5 years approximately 75% capacity
140⁰F (60⁰C) 60-180 days less than 25% capacity

Custodian:
Army - CR

Preparing activity:
Army - CR

(Project 6135-0372)